

## DUAL STATUS FEDERAL TECHNICIAN VACANCY ANNOUNCEMENT - BARGAINING UNIT

HUMAN RESOURCE OFFICE DELAWARE NATIONAL GUARD First Regiment Road Wilmington, Delaware 19808-2191		Announcement No.  <b>06-04</b>	Opening Date:  <b>2 Oct 03</b>	Closing Date:  <b>15 Dec 03</b>
WORKING LOCATION: <b>166<sup>th</sup> MXS, NCCA New Castle, DE</b>	MIL GR LIMIT:  <b>SSgt / E-5</b>	SELECTION METHOD:  <b>PANEL</b>	SALARY RANGE:  <b>\$19.64 - \$22.93 PH</b>	
Position Title: <b>Sheet Metal Mechanic (Aircraft)</b>	PD Number: <b>80114003</b>	Job Series: <b>3806</b>	Pay Plan & Grade: <b>WG-10</b>	

### APPOINTMENT FACTORS

<b>***AREAS OF CONSIDERATION***</b> <ul style="list-style-type: none"> <li>▪ AREA I - All presently employed permanent DE Air or Army National Guard Federal Technicians</li> <li>▪ AREA II - All current members of the DE Air or Army National Guard</li> <li>▪ AREA III - Personnel eligible for membership in the DE National Guard</li> </ul>		<u>APPOINTMENT STATUS:</u>  OFFICER      WARRANT      ENLISTED  <div style="text-align: center;">■</div> Army National Guard: <input type="checkbox"/> Air National Guard: <input checked="" type="checkbox"/> Permanent: <input checked="" type="checkbox"/> Indefinite: <input type="checkbox"/> Temporary:
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### SELECTIVE PLACEMENT FACTORS

**MILITARY REQUIREMENTS:** This is a dual-status position. As a condition of initial appointment and continued retention, the selected applicant must be an actively participating member of the Delaware Army/Air National Guard as appropriate.

- Military uniform is required to be worn. Acceptance of this position constitutes concurrence with this requirement and is a condition of continued employment.
- **OTHER:** If selected, individual must occupy AFSC 2A7XX prior to actual placement in this position.

**EVALUATION METHOD:** All applicants will be evaluated against the mandatory qualifications identified on this announcement IAW the NGB Qualifications Standard and/or the OPM Qualifications Standards as appropriate. Evaluation is based on the information provided by the applicant to determine if the individual possesses the minimum knowledge, skills, and abilities necessary to perform the duties and responsibilities of the position. National Guard or Reserve M-Day experience is considered part-time and credit is awarded based on actual days the applicant performed duty in a relevant SSI/MOS/AFSC.

**QUALIFICATION REQUIREMENTS:** The basic qualification requirements are indicated on the reverse of this announcement. These requirements must be met in addition to all military requirements and selective placement factors indicated in order to be considered qualified for this position. Applicants selected for a position at a trainee level will be promoted non-competitively upon completion of the established individual development plan (IDP) along with the recommendation of the supervisor.

**EQUAL OPPORTUNITY:** The Delaware National Guard is an Equal Opportunity Employer. All qualified applicants will receive consideration without regard to political, religious, or labor organization affiliation or non-affiliation, marital status, race, color, sex, national origin, age, non-disqualifying physical challenges (applicable only to competitive appointments) or any other factor not job related.

**APPLICATION PROCEDURES:** All interested applicants for this position must submit either an **OF 612 or resume and an OF 306, DNG Form 51, DNG Form 87-R (Optional), OPM Form 1386 (Optional)**. Documentation from the military personnel office must be submitted indicating eligibility for placement in a position requiring Officer or Warrant Officer status. Candidates must describe on the application all knowledge, skills, abilities, experience, education, and self-development as pertains to the requirements of this position. **DO NOT ATTACH POSITION DESCRIPTIONS. Incomplete applications will not be considered. Complete applications must arrive at the HRO by COB on the closing date.** Late applications will not be accepted.

**REMARKS:** Permanent Change of Station Costs will not be paid. Enrollment in Electronic Fund Transfer (Direct Deposit) pay is a condition of employment. A pre-placement physical/examination is required for employment. **\*\*\*This position is advertised Nationwide.\*\*\***

JAMES J. KRZYZANOWSKI  
Lt Col, DE ANG  
Human Resource Officer

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DNG Form 33D-E (This form will not be reproduced. Supplies will be requisitioned from Headquarters, Delaware National Guard)  
30 June 96 (DE-HRO)

## **SHEET METAL MECHANIC (AIRCRAFT)**

**80114003 WG-3806-10**

**SUMMARY OF DUTIES AND RESPONSIBILITIES:** (A complete position description is on file in the HRO)

- Inspects aircraft and determines the nature and extent of repairs to be made, using applicable technical orders as guidelines. Works directly on the aircraft and its components, fulfilling such tasks as removal, repair, modification and installation of parts and assemblies, such as frames, stringers, longerons, bulkheads, beams, ribs, spars, skin, cowling, brackets, faring, access doors, panels and other related items. May be required to clear red "X" conditions.
- Repairs cracks in aircraft skin. Fabricates and fits patches to damaged areas, determining repair detail necessary to retain or restore original strength. Fits and trims components to aircraft such as landing gear doors, control surfaces, flaps access doors and other assemblies. Seals structures to make them pressure, water and weather tight.
- Troubleshoots aircraft structural repair situations in such areas as fuselage, tails, wings, cowlings, and stabilizers. Removes, forms, fits, and installs highly stressed and double contoured skins, using hand or powered drilling and cutting tools and other metal working equipment. Determines shear and bearing load factors during rivet replacement. Installs heads up. Regular, heat-treated, high shear and blind type aircraft rivets and fasteners, using pneumatic riveters, special tools and bucking bars. Removes damaged or broken fasteners and receptacles.
- Aligns and balances component structures and airframe using precision measuring instruments and levels. Performs metal-to-metal bonding where delamination of surfaces and core material occurs in control surfaces.
- Inspects damage or deterioration and determines repair or replacement of plastic, fiberglass, composites, bonded structures, and bonded honeycomb assemblies using powered and non-powered tools and equipment. Repairs or replaces retaining frames and installs plastic laminated blanks. Designs and constructs forming fixtures.
- Manufactures and ensures that metal tubing, conduits and cables are fabricated and tested in accordance with drawings and specifications. Fabricates and repairs flexible control cables.
- Sets up and operates power shears, brakes, rolls, dimpling machines, drill presses, saws, portable powered tools, specific detection and measuring equipment, and other metal working equipment, including use of other tools of the trade. Requisitions necessary supplies and equipment for the activity.
- Prepares and designs layout, dies, jogs, and templates necessary to carry out fabrication repair or modification of aircraft, engine, AGE, and other equipment. Works from blueprints, technical orders diagrams, and work orders.
- Removes corrosion by mechanical and chemical procedures to include use of portable powered (electric and pneumatic) sanders, buffers, brushes, bead blasters, vacuum cleaners, scrapers, grinders, acids, caustics, solvents, alcohol's and other agents used in corrosion control processes. Treats metal with chemical procedures, such as acids and caustics for passivation and etching, to protect metal from oxidation. Performs such functions as pickling of metals to prepare for good bonding with primer coat of protective materials.
- Applies protective coatings, markings, and decals after proper removal of corrosion and treatment of metals. Uses conventional paint spray equipment, electrostatic spray equipment, brushes and special applicators when applying primers and surface coatings.
- Identifies, blends, stores, controls, and disposes of hazardous materials such as acids, caustics, alcohol's, solvents, cleaners, primers and surface coatings used for corrosion removal, treatment and protection in accordance with applicable directives.
- Performs other duties as assigned.

### **QUALIFICATION REQUIREMENTS**

**GENERAL EXPERIENCE:** Experience, education, or training which demonstrates the candidates ability to develop patterns, layout, cut, form, join, assemble, and install sheet metal parts and systems. Skill in the use of shop tools and equipment.

**SPECIALIZED EXPERIENCE:** Eighteen (18) months of specialized experience must include the following KSAs: (Each KSA should be addressed separately in writing as it pertains to the Duties and Responsibilities stated above.)

- a. Skill in planning, fabricating, and constructing complex non-standard sheet metal equipment, assembly, disassembly, adjustment, repairing and installing sheet metal systems and component parts of various kinds of metal.
- b. Ability to analyze, interpret and follow work orders, blue prints, specifications, and sketches, to prescribe necessary work specifications on the item or system to be manufactured or repaired.
- c. Ability to develop plans which others can follow.
- d. Skill in using layout processes such as parallel lines, radial lines, triangulation and other methods and the use of scribes, height gauges, triangles, protractors, etc., in accurately indicating cuts, bends, holes, angles, and shapes to be produced.

**OTHER:** Must have or be able to obtain a valid civilian & military driver's license. Must be able to lift and carry items weighing up 50 pounds.

**NOTE:** Federal Law prohibits use of U.S. Government postage paid envelopes for mailing applications. Applicant is responsible for his/her own postage. Applications received in U.S. Government Postage paid envelopes **WILL NOT BE CONSIDERED.**